

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: September 28-29, 2005

Reference No.: 2.5f.(1)
Information Item

From: CINDY McKIM
Chief Financial Officer

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Division Chief
Budgets

Ref: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

SUMMARY:

Pursuant to the authority granted by Resolution G-11, State Highway Account and Federal Trust funds totaling \$8,491,000 have been allocated for eighteen (18) emergency construction projects described below and on the attached list.

Project #1. In Humboldt County, on Route 101 near Garberville at approximately 0.2 miles north of Alderpoint Road. During a July 2005 inspection, the 84-inch existing steel plate culvert at this location was determined to be rapidly deteriorating and distorting with imminent total collapse expected this coming winter. This project will place a new structural welded steel pipe liner inside the sections that are collapsing; place concrete invert paving with embedded steel planking; repair the concrete headwall and correct surface drainage on the fill slope.

Project #2. In Siskiyou County, on Interstate 5 in and near Mount Shasta City from Route 89 to north of Ream Avenue. On July 1, 2005, one lane of this freeway was closed by order of California Highway Patrol due to sudden asphalt pavement failure. This project will remove failed pavement and replace it with full depth asphalt concrete. Additionally, 8 concrete slabs at the beginning of this failed segment will be replaced.

Project #3. In Tehama County, on Route 36 near Dry Creek from 3.2 miles west of Vestal Road to 0.4 miles west of Dry Creek Bridge. On August 10, 2005, a wild fire broke out along this highway damaging guardrail and highway signs. The fire burned along both sides of the roadway for approximately 4 miles and burned 2500 acres of the surrounding countryside. This project will repair 2600 feet of metal beam guardrail, 40 feet of an earth retaining system, 4 roadside signs and various delineators and markers.

Project #4. In Marin County, on Route 1 near San Francisco at 0.67 mile south of Muir Woods Road. As a result of heavy rain on December 28, 2004, the slope on the right shoulder of southbound Route 1 slipped out. The initial project, allocated on March 11, 2005, was to rebuild the roadway, restore the embankment and place rock slope protection. This supplemental is needed to reconstruct 600 feet of guardrail not included in the initial estimate.

Project #5. In Santa Clara County, on Route 9 near Saratoga at approximately 2.5 miles east of Route 35. On February 28, 2005, a slipout approximately 50 feet long and 50 feet deep occurred at this location adjacent to the roadway. A 12-inch diameter corrugated metal pipe (CMP) separated at the edge of shoulder causing water to erode and undermine roadway support. This project will repair the damaged drainage facility and will construct a soldier pile wall to stabilize the slope.

Project #6. In Santa Barbara and Ventura Counties, on Route 150 near Carpinteria east of Route 101 at the Rincon Creek Bridges. Severe storms struck this area in late December 2004 and early January 2005. The unusually heavy rain resulted in the complete washout and loss of the Rincon Creek Bridge (Bridge # 51-0140). Another Bridge, #51-0141, was destabilized by scour and needed replacement. A temporary emergency detour was immediately constructed. The initial project, allocated in January 26, 2005, was for the replacement of the two bridges. This supplemental allocation is due to the need for additional roadway excavation, rock slope protection and delays caused by nesting birds.

Project #7. In Santa Barbara County, on Route 246 near Buellton at La Purisima Golf Course. Following heavy rain during late December 2004 and early January 2005, severe erosion upstream of the highway occurred. Heavy silt load overwhelmed two highway culvert systems and posed imminent threat of water overtopping and damaging the highway. The initial project, allocated on February 9, 2005, cleared the culverts of sediment and reestablished a downstream flow line. This supplemental is needed to make final payment and close out this contract.

Project #8. In Kern County, on Interstate 5 near Grapevine, 6.4 miles south of Route 99. On June 29, 2005, a tanker truck carrying aviation fuel crashed, spilled fuel, and ignited at this location. This project will repair damaged guardrail and median thrie beam barriers. Also 1000-foot segment of asphalt pavement will be ground down and repaved across four lanes and shoulders.

Project #9. In Los Angeles County, on Route 1 in the City of Malibu, approximately 0.2 miles south of Big Rock Drive intersection. Heavy rain during the 2004/2005 winter caused a very large and ancient slide to reactivate at this location. The slide is mostly located on private property but its edge is causing severe highway pavement upheaval. The initial project, allocated on May 31, 2005, was to grind down the upheaved pavement, and place asphalt overlay to restore roadway profile. This supplemental is needed to cover more pavement grinding.

Project #10. In Ventura County, on Route 33 near Ojai between Routes 101 and 150. Heavy rain during late December 2004 and early January 2005 caused multiple slides. Mud and debris

covered the highway. Drainage systems were blocked and damaged. The highway was closed along this entire section. The initial project, allocated February 16, 2005, was to remove debris from the highway, as well as clear, repair or replace drainage facilities as needed. The first supplemental was necessary to continue cleanup and drainage system repair following more heavy rain in February. This supplemental is needed to close out this contract.

Project #11. In Ventura County, on Route 33 near Ojai in the Los Padres National Forest. Heavy winter and spring rain in 2005 caused a large slipout closing the southbound lane at this location. This project will remove unstable slope/slide debris, rebuild the embankment slope with a keyway buttress geogrid-reinforced earthen fill, replace drainage facilities, and place erosion control.

Project #12. In Ventura County, on Route 150 between the cities of Ojai and Santa Paula from Sulfur Mountain Road to Route 126. Heavy rain in late December 2004 and early January 2005 caused multiple slides, debris flows, washouts and roadway loss. The initial project, allocated on February 14, 2005, was to remove and dispose of all slide and storm debris from roadway and drainage facilities. The first supplemental was needed due to additional damage discovered during cleanup operation. This supplemental is needed to close out this contract.

Project #13. In Riverside County in Mira Loma on northbound I-15 under the Mission Boulevard Overhead. The January 2005 rainstorms undermined and collapsed portion of the concrete slope slabs under Mission Blvd. (Structure # 56-0695R) and washed out bridge abutment embankment. This project will rebuild the embankment and replace concrete slope slab.

Project #14. In Riverside County, on Route 177 near Granite Pass, from 1 mile south of the Colorado River Aqueduct to Highway 62. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will repair roadway embankment, drainage and pavement.

Project #15. In San Bernardino County, on Route 62 near Twentynine Palms from 10 miles east of Ironage Street to 4 miles west of Highway 177. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will repair roadway embankment, drainage and pavement in order to reopen the highway.

Project #16. In San Bernardino County, on Route 95 near Needles approximately 6 miles south of Turtle Mountain Road to Havasu Lake Road. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will reestablish existing earthen storm water deflection dike, remove debris, repair asphalt concrete aprons at spillways, repair damaged shoulder and provide traffic control as necessary.

Project #17. In San Diego County in San Diego, on Route 15 at the south end entry to the High Occupancy Vehicle (HOV) Reversible Express Lanes (H Avenue Overcrossing). On April 1, 2005, a failure occurred in the pneumatic popup delineator system due to a major loss in air pressure (compressor failure). The system failure makes it necessary to manually place delineators in order to prevent wrong way accidents. This project repairs the two existing gates, replaces the compressor, and replaces selected leaking components.

Project #18. In Orange County, on Route 22 in Garden Grove between Garden Grove Boulevard and the eastbound off-ramp. Due to heavy rain in January and February 2005, part of the roadway embankment at this location slipped out. The failure threatened the structural integrity of the roadway and shoulder. The initial project, allocated on May 31, 2005, was to extend an existing culvert and rebuild the slope. This supplemental is due to increased grading resulting from the discovery of damaged irrigation lines.

BACKGROUND:

The California Transportation Commission (Commission) by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department of Transportation (Department) authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slip outs, unusual accidents or other similar events. This allows the Department to immediately begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
 - a. Emergency assistance efforts.
 - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
 - c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

The G-11 Resolution also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment

2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
1 \$1,000,000 Humboldt 01N-Hum-101 R12.1	Near Garberville at approximately 0.2 miles north of Alderpoint Road. During a July, 2005 inspection, the 84-inch existing steel plate culvert at this location was determined to be rapidly deteriorating and distorting with imminent total collapse expected this coming winter. This project will place a new structural welded steel pipe liner inside the sections that are collapsing; place concrete invert paving with embedded steel planking; repair the concrete headwall and correct surface drainage on the fill slope.	465101 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.151	\$1,000,000 \$1,000,000
Initial G-11 Allocation 8/19/05:		\$1,000,000		
2 \$400,000 Siskiyou 02N-Sis-5 8.5/10.0	In and near Mount Shasta City from Route 89 to north of Ream Avenue. On July 1, 2005, one lane of this freeway was closed by order of California Highway Patrol due to sudden asphalt pavement failure. This project will remove failed pavement and replace with full depth asphalt concrete. Additionally 8 concrete slabs at the beginning of this failed segment will be replaced.	3C1201 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.120	\$400,000 - \$400,000
Initial G-11 Allocation 8/4/05:		\$400,000		
3 \$300,000 Tehama 02U-Teh-36 6.0/10.0	Near Dry Creek from 3.2 miles west of Vestal Road to 0.4 miles west of Dry Creek Bridge. On August 10, 2005, a wild land fire broke out along this highway damaging guardrail and highway signs. The fire burned along both sides of the roadway for approximately 4 miles and burned 2500 acres of the surrounding countryside. This project will repair 2600 feet of metal beam guardrail, 40 feet of an earth retaining system, 4 roadside signs and various delineators and markers.	3C2101 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$300,000 - \$300,000
Initial G-11 Allocation 8/22/05:		\$300,000		
4 \$100,000 Marin 04U-Mrn-1 5.25	Near San Francisco at 0.67 mile south of Muir Woods Road. As a result of heavy rain on December 28, 2004, the slope on the right shoulder of southbound Route 1 slipped out. The initial project was to rebuild the roadway, restore the embankment and place rock slope protection. This supplemental is needed to reconstruct 600 feet of guardrail not included in the initial estimate.	2S5901 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$100,000 \$100,000
Initial G-11 Allocation 3/11/05:		\$300,000		
Supplemental G-11 Allocation 8/7/05:		\$100,000		
Revised Allocation:		\$400,000		
5 \$600,000 Santa Clara 04U- SCI-9 2.5	Near Saratoga at approximately 2.5 miles east of Route 35. On February 28, 2005, a slipout approximately 50 feet long and 50 feet deep occurred at this location adjacent to the roadway. A 12-inch diameter corrugated metal pipe (CMP) separated at the edge of shoulder. This project will repair the damaged drainage facility and will construct a soldier pile wall to stabilize the slope.	2S6701 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$600,000 - \$600,000
Initial G-11 Allocation 8/18/05:		\$600,000		

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
6 \$380,000 Santa Barbara, Ventura 05S-SB, Ven-150 1.0/R1.7	Near Carpinteria, east of Route 101 at the Rincon Creek Bridges. Severe storms struck this area in late December 2004 and early January 2005. The unusually heavy rain resulted in the complete washout and loss of the Rincon Creek Bridge (Bridge # 51-0140). Another Bridge, #51-0141, was destabilized by scour and needed replacement. The initial project was for the replacement of the two bridges. This supplemental allocation is due to the need to additional roadway excavation, rock slope protection and delays caused by nesting birds.	282801 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.110	\$53,200 \$326,800 \$380,000
	Initial G-11 Allocation 1/26/05: \$4,745,000 Award 4/6/05: \$4,533,000 Supplemental G-11 Allocation 7/20/05: \$380,000 Revised Allocation: \$4,913,000			
7 \$50,000 Santa Barbara 05U-SB-246 13.4/19.4	Near Buellton at La Purisima Golf Course. Following heavy rain during late December 2004 and early January 2005, severe erosion upstream of the highway occurred. Heavy silt load overwhelmed two highway culvert systems and posed imminent threat of overtopping and damaging the highway. The initial project was to clear the culverts of sediment and reestablish a downstream flow line. This supplemental is needed to make final payment and close out this contract.	0M7001 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$50,000 \$50,000
	Initial G-11 Allocation 2/9/05: \$200,000 Supplemental G-11 Allocation 8/19/05: \$50,000 Revised Allocation: \$250,000			
8 \$200,000 Kern 06U-Ker-5 9.3/9.5	Near Grapevine, 6.4 miles south of Route 99. On June 29, 2005, a tanker truck carrying aviation fuel crashed, spilled fuel, and ignited at this location. This project will repair damaged guardrail and median thrie beam barriers. Also a 1000-foot segment of asphalt pavement will be ground down and repaved across four lanes and shoulders.	0E5701 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$200,000 \$200,000
	Initial G-11 Allocation 7/14/05: \$200,000			
9 \$50,000 Los Angeles 07U-LA-1 42.3	In the City of Malibu, approximately 0.2 miles south of Big Rock Drive intersection. Heavy rain during the 2004/2005 winter caused a very large and ancient slide to reactivate at this location. The slide is mostly located on private property but its edge is causing severe highway pavement upheaval. The initial project was to grind down the upheaved pavement, and place asphalt overlay to restore roadway profile. This supplemental is needed to cover more pavement grinding than originally anticipated.	4L2001 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$50,000 - \$50,000
	Initial G-11 Allocation 5/31/05: \$150,000 Supplemental G-11 Allocation 8/17/05: \$50,000 Revised Allocation: \$200,000			
10 \$200,000 Ventura 07U-Ven-033 0.0/11.0	Near Ojai between Routes 101 and 150. Heavy rain during late December 2004 and early January 2005 caused multiple slides. Mud and debris covered the highway. Drainage systems were blocked and damaged. The highway was closed along this entire section. The initial project was to remove debris from the highway, as well as clear, repair or replace drainage facilities as needed. The first supplemental was necessary to continue cleanup and drainage system repair following more heavy rain in February. This supplemental is needed to close out this contract.	4K9401 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	- \$200,000 \$200,000
	Initial G-11 Allocation 2/16/05: \$400,000 Supplemental G-11 Allocation 3/17/05: \$200,000 Supplemental G-11 Allocation 8/23/05: \$200,000 Revised Allocation: \$800,000			

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2.5f.(1) Informational Report – Emergency G-11 Allocations				
11 \$3,000,000 Ventura 07U-Ven-33 55.8	Near Ojai in the Los Padres National Forest. Heavy winter and spring rain in 2005 caused a large slipout closing the southbound lane at this location. This project will remove unstable slope/slide debris, rebuild the embankment slope with a keyway buttress geogrid-reinforced earthen fill, replace drainage facilities, and place erosion control.	4L3401 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$3,000,000 - \$3,000,000
Initial G-11 Allocation 8/17/05:		\$3,000,000		
12 \$200,000 Ventura 07U-Ven-150 24.0/34.4	Between the cities of Ojai and Santa Paula from Sulfur Mountain Road to Route 126. Heavy rain in late December 2004 and early January 2005 caused multiple slides, debris flows, washouts and roadway loss. The initial project was to remove and dispose of all slide and storm debris from roadway and drainage facilities. The first supplemental was needed due to additional damage discovered during cleanup operation. This supplemental is needed to close out this contract.	4K8801 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	- \$200,000 \$200,000
Initial G-11 Allocation 2/14/05:		\$250,000		
Supplemental G-11 Allocation 3/21/05:		\$750,000		
Supplemental G-11 Allocation 8/23/05:		\$200,000		
Revised Allocation:		\$1,200,000		
13 \$211,000 Riverside 08U-Riv-15 51.9	In Mira Loma on northbound I-15 under the Mission Boulevard Overhead. The January 2005 rainstorms undermined and collapsed portion of the concrete slabs under Mission Blvd. (Structure # 56-0695R) and washed out bridge abutment embankment. This project will rebuild the embankment and replace concrete slope slab.	0G2701 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$211,000 - \$211,000
Initial G-11 Allocation 8/22/05:		\$211,000		
14 \$200,000 Riverside 08U-Riv-177 21.0/27.0	Near Granite Pass, from 1 mile south of the Colorado River Aqueduct to Highway 62. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will repair roadway embankment, drainage and pavement.	0H2201 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$200,000 - \$200,000
Initial G-11 Allocation 8/22/05:		\$200,000		
15 \$500,000 San Bernardino 08U-SBd-62 65.0/73.5	Near Twentynine Palms from 10 miles east of Ironage Street to 4 miles west of Highway 177. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will repair roadway embankment, drainage and pavement in order to reopen the highway.	0H2001 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$500,000 - \$500,000
Initial G-11 Allocation 8/22/05:		\$500,000		
16 \$200,000 San Bernardino 08U-SBd-95 29.0/36.0	Near Needles approximately 6 miles south of Turtle Mountain Road to Havasu Lake Road. On July 24, 2005, an intense rainstorm occurred in the low desert area causing flooding, erosion and undermining of roadway. This project will reestablish existing earthen storm water deflection dike, remove debris, repair asphalt concrete aprons at spillways, repair damaged shoulder and provide traffic control as necessary.	0H2101 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.130	\$200,000 - \$200,000
Initial G-11 Allocation 8/22/05:		\$200,000		

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f.(1) Informational Report – Emergency G-11 Allocations				
17 \$800,000 San Diego 11S-SD-15 M11.4	In San Diego, at the south end entry to the High Occupancy Vehicle (HOV) Reversible Express Lanes (H Avenue Overcrossing). On April 1, 2005, a failure occurred in the pneumatic popup delineator system due to a major loss in air pressure (compressor failure). The system failure makes it necessary to manually place delineators in order to prevent wrong way accidents. This project repairs the two existing gates, replaces the compressor, and replaces selected leaking components.	275301 SHOPP Emergency	2005-06 302-0042 302-0890 20.20.201.315	\$800,000 - \$800,000
Initial G-11 Allocation 7/31/05:		\$800,000		
18 \$100,000 Orange 12U-ORA-22 1.2	In Garden Grove between Garden Grove Boulevard and the eastbound off-ramp. Due to heavy rain in January and February 2005, part of the roadway embankment at this location slipped out. The failure threatened the structural integrity of the roadway and shoulder. The initial project was to extend an existing culvert and rebuild the slope. This supplemental is due to increased grading resulting from the discovery of damaged irrigation lines.	0H1201 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$100,000 \$100,000
Initial G-11 Allocation 5/31/05:		\$300,000		
Supplemental G-11 Allocation 8/17/05:		\$100,000		
Revised Allocation:		\$400,000		